

Figure A1.4: Outcrop photo of exposure in the inactive Loring quarry. Members of the Farley are outlined as are the surrounding units. Note that the Bonner Springs Shale is absent in this location. Aggregate sample locations are also noted.

Rock Unit(s): Is Creek + Farley



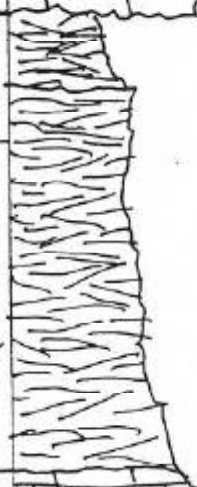
Thickness	Lithology & Weathering Profile	Fossils & Grains	Sed. Struct. & Diag. Feat.	Rock Name (Dunham)	Cement	Color	Sample No.	Photo No.	Additional Remarks
17+		⊗ N		Phyl. Algal Wackestone	Very little coarse grain (≤ 0.2)		L-3		
3		⊗ N		Fossilif. Siltstone Phyl. Algal Wack.					
5		⊗ N		Fossilif. Siltstone Phyl. Algal Wackestone					
8		⊗ N		Fossilif. Siltstone					
18		⊗ N		Phyl. Algal Wackestone	Less grain than below ~5-10%		L-2		Large phylloid algal
32		⊗ N	●	Phyl. Algal Wackestone	Coarse grain ≤ 0.5 mm ~15%				Stale cement in these phyl. wackestone is red high. However, its fully disintegrated gray matrix a black line, especially near the top & in the interbedded siltstone.
52		⊗ N	●	Phyl. Algal Wackestone	Coarse grain phyl. & breccia (≤ 0.5 mm or so) ~15%		L-1		Well preserved breccia w/ internal structure
12		⊗ N							
15		⊗ N		Fossiliferous Siltstone					
26 cm		⊗ N							

Date 12/5/97

Location Loring Quarry

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Rock Unit(s): Farley LS

Thickness	Lithology & Weathering Profile	Fossils & Grains	Sed. Struct. & Diag. Feat.	Rock Name (Dunham)	Cement	Color	Sample No.	Photo No.	Additional Remarks
25		N#8	A.B. 	Phyl. Algal Wackestone	Spumose ab. in cracks & fossils (~25-30%)		L-5		Continues up out of reach. Large shallow pores & fractures filled w/ coarse spm.
28		Q#8		Ostrac. Brachiopod Wackestone	Coarse spm in brachia & other fossils (~10-15%)		KD-11		Ostrac. very ab. as are Composita. Echinoderms more ab. @ the base.
65cm		Q#8		Fossilif. Siltstone					Skeletal pieces @ very base. Most fossils/brachia near the top. Calcareous throughout
6cm									
3cm									

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Locality MCI: Roadcut/outcrop. Located north of Interstate 70 in Wyandotte County. Measured section was compiled from two localities. The Farley Limestone was measured from the outcrop located at the Motor Carrier Inspection Station on I-70. The Island Creek was measured approximately 1 mile to the west along the north side of the 78th Street westbound exit ramp.

